What is claimed is:

- 1. An original size detecting apparatus comprising:
- 5 an original platen;

an original presser plate that presses an original placed on said original platen;

- a light source that irradiates light onto the original;
- a reflected light-reading device that reads reflected light of the light irradiated from said light source onto the original;

an open state-detecting device that detects at least two open states of said original presser plate;

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an original size-determining device that performs predetermined control corresponding to each of the open states of said original presser plate detected by said open state-detecting device, to determine a size of the original based on a result of the reading by said reflected light-reading device.

2. An original size detecting apparatus comprising:

an original platen;

- an original presser plate that presses an original placed on said original platen;
 - a light source that irradiates light onto the

original;

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a reflected light-reading device that reads reflected light of the light irradiated from said light source onto the original;

an open state-detecting device that detects at least two open states of said original presser plate; and

an original size-determining device that turns on said light source and said reflected light-reading device when it is detected by said open state-detecting device that said original presser plate is in a first open state, and determines a size of the original based on an output from said reflected light-reading device when it is detected by said open state-detecting device that said original presser plate is in a second open state where an opening angle thereof is smaller than when said original presser plate is in the first open state.

- 3. An original size detecting apparatus as

 claimed in claim 2, wherein said original sizedetermining device is operable when said original
 presser plate is in an open state where the opening
 angle thereof is larger than when said original presser
 plate is in the first open state, to turn off said

 light source and said reflected light-reading device.
 - 4. An original size detecting apparatus as claimed in claim 2, comprising a sub-scanning direction

dimension-detecting device that detects a dimension of the original in a sub-scanning direction, and

wherein said original size-determining device determines the size of the original based on an output from said sub-scanning direction dimension-detecting device and an output from said reflected light-reading device.

- 5. An original size detecting apparatus comprising:
- an original platen that supports an original to be read;
 - a light source that irradiates light onto the original;
- a first detecting device that detects whether or

 not a dimension of the original in a sub-scanning

 direction is equal to or smaller than a predetermined

 dimension;

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- a second detecting device that detects a dimension of the original in a main-scanning direction orthogonal to the sub-scanning direction; and
 - a control and determining device that controls said first and second detecting devices to determine a size of the original based on respective results of detections by said first and second detecting devices,
- wherein said control and determining device carries out a first original size-determining process when an output from said second detecting device

indicative of a result of detection carried out thereby with said light source turned off contains components having smaller values than a predetermined output value, and carries out a second original size-determining process when the output from said second detecting device indicative of the result of detection carried out thereby is equal to or larger than the predetermined output value.

- claimed in claim 5, wherein the first original sizedetermining process comprises excluding points on said
 original platen corresponding to values of the output
 from said second detecting device which are equal to or
 larger than the predetermined output value, and
 determining the size of the original based on a result
 of detection carried out again by said second detecting
 device with said light source turned on, and a result
 of the detection carried out by said first detecting
 device.
- 7. An original size detecting apparatus as claimed in claim 5, wherein the second original size-determining process comprises detecting an edge in the output from said second detecting device indicative of the result of the detection carried out thereby with said light source turned off, by comparing the output with a threshold value, determining a position on said original platen where the edge has been detected as a

position of an end of the original, and then determining the size of the original based on the result of the detection by said first detecting device and the position of the end of the original.

- 8. An original size detecting method comprising:
 a reflected light-reading step of reading
 reflected light of light irradiated from a light source
 onto an original which is placed on an original platen
 and pressed by an original presser plate;
- an open state-detecting step of detecting at least two open states of the original presser plate; and

an original size-determining step of performing predetermined control corresponding to each of the open states of the original presser plate detected in said open state-detecting step, to determine a size of the original based on a result of the reading in said reflected light-reading step.

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An original size detecting method comprising:
 a reflected light-reading step of causing a
 reflected light-reading device to read reflected light of light irradiated from a light source onto an original which is placed on an original platen and pressed by an original presser plate;

an open state-detecting step of detecting at least

two open states of the original presser plate; and
an original size-determining step of turning on
the light source and the reflected light-reading device

when it is detected in said open state-detecting step that the original presser plate is in a first open state, and determining a size of the original based on an output from the reflected light-reading device in said reflected light-reading step when it is detected in said open state-detecting step that the original presser plate is in a second open state where an opening angle thereof is smaller than when the original presser plate is in the first open state.

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- 10. An original size detecting method as claimed in claim 9, wherein when said original presser plate is in an open state where the opening angle thereof is larger than when said original presser plate is in the first open state, said original size-determining step comprises turning off the light source and the reflected light-reading device.
 - 11. An original size detecting method as claimed in claim 9, comprising a sub-scanning direction dimension-detecting step of detecting a dimension of the original in a sub-scanning direction, and

wherein said original size-determining step comprises determining the size of the original based on an output obtained in said sub-scanning direction dimension-detecting step and an output obtained in the reflected light-reading device.

12. An original size detecting method applied to an original size detecting apparatus including an

original platen that supports an original to be read, and a light source that irradiates light onto the original,

the method comprising:

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a first detecting step of detecting whether or not a dimension of the original in a sub-scanning direction is equal to or smaller than a predetermined dimension and generating an output indicative of a result of the detection;

a second detecting step of detecting a dimension of the original in a main-scanning direction orthogonal to the sub-scanning direction and generating an output indicative of a result of the detection; and

a control and determining step of controlling said

15 first and second detecting steps to determine a size of
the original based on respective results of detections
in said first and second detecting steps, and

wherein said control and determining step comprises carrying out a first original size—determining process when the output indicative of the result of detection carried out in said second detecting step with the light source turned off contains components having smaller values than a predetermined output value, and carrying out a second original size-determining process when the output indicative of the result of the detection in said second detecting step is equal to or larger than the

predetermined output value.

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- in claim 12, wherein the first original sizedetermining process comprises excluding points on the
 original platen corresponding to values of the output
 generated in said second detecting step which are equal
 to or larger than the predetermined output value, and
 determining the size of the original based on a result
 of detection carried out again in executing said second
 detecting step with the light source turned on, and the
 result of the detection carried out in said first
 detecting step.
- in claim 12, wherein the second original size—

 determining process comprises detecting an edge in the output indicative of the result of the detection carried out in said second detecting step with said light source turned off, by comparing the output with a threshold value, determining a position on the original platen where the edge has been detected as a position of an end of the original, and then determining the size of the original based on the result of the detection carried out in said first detecting step and the position of the end of the original.
- 25 15. An original size detecting program carried out by an original size detecting apparatus including an original platen, an original presser plate that

presses an original placed on the original platen, and a light source that irradiates light onto the original, the program comprising:

a reflected light-reading module for reading reflected light of the light irradiated from the light source onto the original;

an open state-detecting module for detecting at least two open states of the original presser plate; and

- an original size-determining module for performing predetermined control corresponding to each of the open states of the original presser plate detected by said open state-detecting module, to determine a size of the original based on a result of the reading by said reflected light-reading module.
 - 16. An original size detecting program executed by an original size detecting apparatus including an original platen, an original presser plate that presses an original placed on the original platen, and a light source that irradiates light onto the original,

the program comprising:

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a reflected light-reading module for causing a reflected light-reading device to read reflected light of the light irradiated from the light source onto the original;

an open state-detecting module for detecting at least two open states of the original presser plate;

and

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an original size-determining module for turning on the light source and the reflected light-reading device when it is detected by said open state-detecting device that the original presser plate is in a first open state, and determining a size of the original based on an output from the reflected light-reading device when it is detected by said open state-detecting module that the original presser plate is in a second open state where an opening angle thereof is smaller than when the original presser plate is in the first open state.

17. An original size detecting program executed by an original size detecting apparatus including an original platen that supports an original to be read, and a light source that irradiates light onto the original,

the program comprising:

a first detecting module for detecting whether or not a dimension of the original in a sub-scanning direction is equal to or smaller than a predetermined dimension and generating an output indicative of a result of the detection;

a second detecting device module for detecting a dimension of the original in a main-scanning direction orthogonal to the sub-scanning direction and generating an output indicative of a result of the detection; and

a control and determining module for controlling

said first and second detecting modules and determining a size of the original based on respective results of detections by said first and second detecting modules,

wherein said control and determining module

5 carries out a first original size-determining process
when the output indicative of the result of detection
carried out by said second detecting module with the
light source turned off contains components having
smaller values than a predetermined output value, and
10 carries out a second original size-determining process
when the output indicative of the result of the
detection by said second detecting module is equal to
or larger than the predetermined output value.